

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L1	2461256	light or beam
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L2	45316	1 near2 polariz\$
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L3	5466	(s adj2 polariz\$) or s-polariz\$
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L4	5905	(p adj2 polariz\$) or p-polariz\$
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L5	17605	(linear\$ adj2 polariz\$) or (linear-polariz\$)
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L6	11146	(circular\$ adj2 polariz\$) or (circular-polariz\$)
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L7	4530	3 same 4
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L8	5128	5 same 6
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L9	7154	2 and (7 or 8)
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L10	7171	beamsplit\$ or beam-split\$
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L11	44362	light near2 (split\$ or separat\$)
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L12	58823	beam near2 (split\$ or separat\$)
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L13	89203	10 or 11 or 12
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L14	4715	9 and 13
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L15	69052	red same blue same green
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L16	604	14 and 15
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L17	464431	projection
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L18	495	16 and 17
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L19	2719	dichroic same 15
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L20	323	18 and 19

Display of L20

US 20010030779 A1	Projection device with a cross dichroic mirror set	US 6249378 B1	Mirror and projection type display apparatus 359/487
US 20010028412 A1	Projector	US 6247817 B1	Projector 353/38
US 20010022613 A1	Picture display method and apparatus	US 6247816 B1	Optical system for projection displays using spatial light modulators 353/31
US 20010015775 A1	Illumination optical system and projection type display apparatus using the same	US 6243198 B1	High efficiency electromagnetic beam projector and systems and method for implementation thereof 359/483
US 20010012092 A1	IMAGE PROJECTION SYSTEM ENGINE ASSEMBLY	US 6229646 B1	Plate-like polarizing element, a polarizing conversion unit provided with the element, and a projector provided with the unit 359/487
US 20010010596 A1	Array lens, lighting optical system, optical unit and imaging apparatus	US 6227670 B1	Projection type display apparatus 353/31
US 20010004251 A1	DISPLAY PANEL AND PROJECTION TYPE DISPLAY APPARATUS	US 6227669 B1	Illumination device and image projection apparatus comprising the device 353/31
US 20010002154 A1	Array lens, lighting optical system, optical unit and imaging apparatus	US 6224217 B1	Optical illumination apparatus and image projection apparatus 353/94
US 20010000972 A1	Optical device, and projection display device including the same	US 6220714 B1	Image display apparatus 353/122
US 20010000678 A1	Projection type display apparatus	US 6219113 B1	Method and apparatus for driving an active matrix display panel 349/42
US 6304381 B1	Illumination optical apparatus 359/495	US 6219112 B1	Illumination optical system and liquid crystal projector apparatus using the same 349/5
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US 6299313 B1	Projection display apparatus and projection lens device for use therein 353/54	US 6217174 B1	Image projection 353/31
US 6292234 B1	Projection type color liquid crystal display device 348/766	US 6213606 B1	Image projection system 353/20
US 6286961 B1	Illuminating optical system and projection type display 353/38	US 6211927 B1	Display system for viewing images on the front and back surfaces of a screen 349/15
US 6281949 B1	Apparatus for displaying a picture which involves spatially modulating a light beam 348/750	US 6208451 B1	Polarization conversion system, illumination system, and projector 359/247
US 6281867 B1	Display panel and projection type display apparatus 345/88	US 6204972 B1	Illumination optical system and projection-type display apparatus 359/622
US 6276801 B1	Display system 353/31	US 6203160 B1	High efficiency liquid crystal display projection system 353/84
US 6273569 B1	Illuminating optical system and projector 353/38	US 6203158 B1	Projector 353/31
US 6273567 B1	Compact multi-path LCD projector 353/20	US 6201645 B1	Array lens, lighting optical system, optical unit and imaging apparatus 359/621
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US 6249381 B1	Illuminating method and illuminating device 359/618	US 6113239 A	Projection display system for reflective light valves 353/31
US 6181310 B1	Driving method of liquid crystal apparatus 345/97	US 6111618 A	LCD projector illumination system having blue and red dichroic mirrors positioned such that blue mirror receives light before red mirror 349/5
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USPAT; EPO; JPO; Derwent; IBM TDB files searched Sunday, April 22, 2001

BRS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L1	5921	polariz\$ near3 (convert\$ or convers\$)
BRS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L2	54389	separat\$ near3 (light or beam\$)
BRS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L3	58024	split\$ near3 (light or beam\$)
BRS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L4	4288	beamsplit\$
BRS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L5	102079	2 or 3 or 4
BRS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L6	2885	1 and 5
BRS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L7	17441	dichroic\$
BRS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L8	675	1 and 7
BRS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L9	363	1 and ((two or second) adj3 component)
BRS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L10	74	8 and 9

Display of L10

US 6219144 B1	Apparatus and method for measuring the refractive index and optical path	length effects of air using multiple-pass interferometry
US 6211933 B1	Reflective type liquid crystal display with scattering polarizer	349/96
US 6190013 B1	Polarized beam splitter and an illumination optical system and a projector	provided with a polarized beam splitter 353/31
US 6186629 B1	Optical device and display apparatus	353/31
US 6144492 A	Optical block and display unit	359/487
US 6142634 A	Projector	353/38
US 6142633 A	Polarized light illuminator and projection type image display apparatus	353/20
US 6141151 A	Projection-display apparatus	359/618
US 6137635 A	Projector apparatus	359/621
US 6124931 A	Apparatus and methods for measuring intrinsic optical properties of a gas	356/517
US 6111598 A	System and method for producing and displaying spectrally-multiplexed	images of three-dimensional imagery for use in flicker-free stereoscopic viewing thereof 348/57
US 6111696 A	Brightness enhancement film	359/495
US 6104536 A	High efficiency polarization converter including input and output	lenslet arrays 359/619
US 6099758 A	Broadband reflective polarizer	252/585
US 6101032 A	Light fixture having a multilayer polymeric film	359/500
US 6094410 A	Multi-layer optical recording media and method for recording and	reproducing information using the same 369/94
US 6070982 A	Color separation element and projection apparatus	353/20
US 6057961 A	Optical film with increased gain at non-normal angles of incidence	359/494
US 6034378 A	Method of detecting position of mark on substrate, position detection	apparatus using this method, and exposure apparatus using this position detection apparatus 250/559.29
US 6034818 A	High efficiency electromagnetic beam projector, and systems and methods	for implementation thereof 359/497
US 6016159 A	Method and apparatus for producing and displaying spectrally-multiplexed	images of three-dimensional imagery for use in stereoscopic viewing thereof 348/57
US 6008871 A	Transflective liquid crystal display device having a reflective polarizer	349/61
US 6005838 A	Multi-layers optical recording media and system for recording and	reproducing information data 369/275.1
US 5993010 A	Two-dimensional illumination optical system and liquid crystal projector	using same 353/99
US 5989461 A	Circular UV polarizer	252/585
US 5967635 A	Polarized beam splitter and an illumination optical system and a	projector provided with a polarized beam splitter 353/20
US 5959778 A	Projection-display apparatus	359/618
US 5946129 A	Wavelength conversion apparatus with improved efficiency, easy	adjustability, and polarization insensitivity 359/332
US 5946054 A	Optical apparatus, projection display apparatus and optical compensation	method 348/745
US 5903388 A	High efficiency electromagnetic beam projector and systems and method	for implementation thereof 359/497
US 5894532 A	Polarization desensitizer	385/11
US 5852479 A	Color liquid crystal projector device	349/9
US 5838653 A	Multiple layer optical recording media and method and system for	recording and reproducing information using the same 369/275.1
US 5828488 A	Reflective polarizer display	359/487
US 5808709 A	Illuminator with polarization separating anisotropic layer between light	guide and reflector 349/65
US 5760827 A	Pixel-data processing system and method for producing	spectrally-multiplexed images of three-dimensional imagery for use in stereoscopic viewing thereof 348/42
US 5748315 A	Optical interference measuring apparatus and method for measuring	displacement of an object having an optical path separating system 356/484
US 5745164 A	System and method for electro-optically producing and displaying	spectrally-multiplexed images of three-dimensional imagery for use in stereoscopic viewing thereof 348/60
US 5742333 A	Electro-optical device for selectively transmitting polarized spectral	components 348/60
US 5738426 A	Projection type display apparatus and multi-vision projection type	display apparatus 353/31
US 5721603 A	Illumination system and display device including such a system	349/194
US 5717485 A	Foreign substance inspection apparatus	356/237.1
US 5657160 A	Polarization plane rotator applicable to polarization converter and	projection display system 359/487
US 5648870 A	Dichroic mirror and projector having the same	359/487
US 5627666 A	Liquid crystal phase modulator using cholesteric circular polarizers	349/74
US 5602661 A	Optical component	349/124

US 5596424 A	Scanning optical system having image forming optical system and reading optical system with at least one common optical component	358/474
US 5594591 A	Prism system and a liquid crystal projection device	349/5
US 5591508 A	Coating methods and compositions for production of digitized stereoscopic polarizing images	428/105
US 5579138 A	Polarizer having a glass substrate with films on either side with different wavelength characteristics and projection display using same	349/96
US 5575548 A	Full color three dimensional projector	353/31
US 5504619 A	Scanning drum inner face and method of scanning therefor	359/495
US 5446510 A	Image display apparatus	353/20
US 5410531 A	Noise reduction in a multiplex recorded optical information system	369/124.03
US 5335022 A	High-contrast front projection video display system	348/744
US 5298986 A	Video projection apparatus	348/762
US 5278680 A	Projection type liquid crystal display system and method of polarized light component projection	349/9
US 5221982 A	Polarizing wavelength separator	349/115
US 5170181 A	Laser scanning apparatus	347/232
US 5168326 A	Method of detecting angle of optical rotation in solution having time-dependent concentration, detection apparatus therefor, and detector cell therefor	356/368
US 5168157 A	Scanning microscope with means for detecting a first and second polarized light beams along first and second optical receiving paths	250/234
US 5115305 A	Electrically addressable liquid crystal projection system with high efficiency and light output	348/751
US 4984229 A	Autofocus system	369/44.24
US 4715684 A	Optical system for three color liquid crystal light valve image projection system	349/8
US 4709145 A	Method and apparatus for compensating fiber optic lead and connector losses in a fiber optic sensor by using a dual wavelength optical source and matched polarizer	250/208.5
US 4500172 A	Two color liquid crystal light valve image projection system with single prepolarizer	349/9
US 4425028 A	High efficiency optical tank for three color liquid crystal light valve image projection with color selective prepolarization and single projection lens	359/246
US 4346314 A	High power efficient frequency conversion of coherent radiation with nonlinear optical elements	359/329
US 4343535 A	Liquid crystal light valve	349/9
US 4331891 A	High power efficient frequency conversion of coherent radiation with nonlinear optical elements	359/329
US 4059767 A	Back-illuminated transparency contrast enhancement system	250/461.1
US 3632216 A	CIRCULAR-DICHROISM MEASUREMENT SYSTEM CHARACTERIZED BY NOISE CANCELLATION	356/365
US 3597536 A	DUAL BEAM LASER DISPLAY DEVICE EMPLOYING POLYGONAL MIRROR	348/196
EP 1043620 A2	Projection display system includes polarization converter for use with light source generating light beam having two light components	